Networked Research Exhibition (NRE): Lightning Talks Session

Network Research Exhibition Co-Chairs
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SC24
Atlanta, GA | hpc creates.

What is NRE@SC?

Researchers from government, education, research, and industry are invited to submit proposals for experiments at SC that demonstrate innovation in emerging network hardware, protocols, and advanced network-intensive scientific applications.

SCinet provides cutting-edge hardware and services to enable participants to collaborate between booths or around the world.

Intention is to be a pipeline for the INDIS workshop.

NRE Lightning Talks & Panel

Panel will showcase groundbreaking advancements demonstrated by this year's NRE participants.

Highlight key findings and challenges from live NRE experiments, including advancements in AI,Quantum, testbeds, and global-scale data-intensive applications.

Selected talks highlighted here, please vist SC Theater (booth: 2049) for more (See SC Schedule for line-up).

Schedule

Speaker	Title
Piotr Rydlichowski	Hybrid CPU, GPU, QPU infrastructure for hybrid quantum-classical computing use cases development with secure QKD/PQC links
Mariam Kiran	Engineering AI for Self-driving Networks
Hyunsuk Bang	What I learned in my year of using FABRIC's Alveo FPGA cards
Joe Mambretti	NREs and the Global Research Platform
Linden Mercer	Resilient, Performant Networks and Distributed Processing
Harvey Newman	The Global Network Advancement Group: A Next Generation System for Data Intensive Sciences